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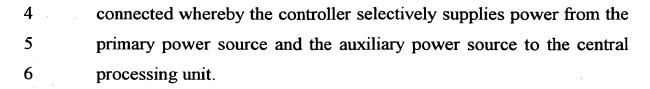
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WHAT IS CLAIMED IS

- 1 1. A USB-based wireless transmitting/receiving system comprising
 - a transmitting portion adapted to be connected to at least one USB-based peripheral device for receiving a signal from the peripheral device;
 - a receiving portion adapted to be connected to a computer host and coupled to the transmitting portion in a wireless fashion for receiving and applying the signal from the transmitting portion to the computer best whereby a wireless communication is established between the computer host and the USB-based peripheral device.
- The USB-based wireless transmitting/receiving system as claimed in Claim 1, wherein the wireless coupling between the transmitting portion and the receiving portion comprises infrared transmission.
- The USB-based wireless transmitting/receiving system as claimed in Claim 1, wherein the wireless coupling between the transmitting portion and the receiving portion comprises radio frequency transmission.
- The USB-based wireless transmitting/receiving system as claimed in Claim 1, wherein the transmitting portion comprises a central processing unit to which a transmitting unit and a receiving unit are connected and a power supply system for powering the central processing unit.
- The USB-based wireless transmitting/receiving system as claimed in Claim 4, wherein the power supply system comprises a controller to which a primary power source and an auxiliary power source are



- 1 6. The USB-based wireless transmitting/receiving system as claimed in Claim 5, wherein the auxiliary power source selectively comprises a primary battery set, a secondary battery set and a solar cell system.
- 7. The USB-based wireless transmitting/receiving system as claimed in Claim 1, wherein the receiving portion comprises a central processing unit to which a transmitting unit and a receiving unit are connected and a power supply system for powering the central processing unit.
- 1 8. The USB-based wireless transmitting/receiving system as claimed in Claim 7, wherein the power supply system comprises a controller to which a primary power source and an auxiliary power source are connected whereby the controller selectively supplies power from the primary power source and the auxiliary power source to the central processing unit.
- 9. The USB-based wireless transmitting/receiving system as claimed in Claim 8, wherein the auxiliary power source selectively comprises a primary battery set, a secondary battery set and a solar cell system.

